

AMENDMENTS TO THE CLAIMS

1. (amended) A seat with a seat sensor, comprising:

a pressure sensitive sheet sensor for sensing a pressure having a terminal and a cable for connecting the sheet sensor and the terminal, and

a seat pad for allowing a user to sit thereon, said seat pad having a slit extending horizontally from a rear or front peripheral side of the seat pad to a middle area of the seat pad, said slit having a width and a height to allow the sheet sensor to enter from the rear or front peripheral side to the middle area there so that the sheet sensor is disposed inside the seat pad, and the terminal projects from the rear or front peripheral side of the seat pad.

3. (added) A seat with a seat sensor, comprising:

a soft pad having a cavity extending upwardly from a bottom surface thereof,

a pressure sensitive sheet sensor for sensing a person sitting on the pad, and

a soft material disposed in the cavity such that the soft material is prevented from coming off from the cavity, said sheet sensor being disposed on an upper portion of the soft material.

4. (added) A seat with a seat sensor according to claim 3, wherein said cavity has a lower portion narrower than an upper portion so that the soft material is held in the cavity.

5. (added) A seat with a seat sensor according to claim 3, wherein a protrusion is formed around the cavity so that the soft material is prevented from coming off from the cavity.

6. (added) A seat with a seat sensor according to claim 5, wherein the protrusion is formed around an opening of the cavity.

7. (added) A seat with a seat sensor according to claim 3, wherein said soft material is held in the cavity such that the soft material is elastically pressed, to thereby prevent the soft material from coming off from the cavity.

8. (added) A soft pad for a seat with a seat sensor to which a pressure sensitive sheet sensor for sensing a person sitting on the pad is installed, said soft pad having a slit for inserting the sheet sensor, said slit extending from a side surface of the pad to a center of the pad.

9. (added) A soft pad for a seat with a seat sensor to which a pressure sensitive sheet sensor for sensing a person sitting on the pad is installed, said soft pad having a cavity extending upwardly from a bottom surface of the pad for inserting the sheet sensor, and a soft material inserted into the cavity such that the soft material is prevented from coming off from the cavity and the seat sensor is disposed on the soft material.

10. (added) A soft pad according to claim 9, wherein said cavity has a lower portion narrower than an upper portion so that the soft material is prevented from coming off from the cavity.

11. (added) A soft pad according to claim 9, wherein a protrusion is formed around the cavity so that the soft material is prevented from coming off from the cavity.

12. (added) A soft pad according to claim 11, wherein the protrusion is formed around an opening of the cavity.

13. (added) A soft pad according to claim 11, wherein said soft material is held in the cavity such that the soft material is elastically pressed, to thereby prevent the soft material from coming off from the cavity.

STATUS OF CLAIMS

Claims 1 and 2 are pending in the reissue application. Claims 3-13 are added and pending in the reissue application.

SUPPORT FOR CLAIM CHANGES

In regard to claim 1, it was stated in original claim 1 that the slit extends horizontally from a rear peripheral side of the seat pad. However, in column 1, lines 41-44 of the patent, it is stated that the pad is provided with a slit for the sensor formed from a side (any one of front, rear, right and left sides). Thus, in claim 1, lines 6 and 9, "rear peripheral side" has been changed to "rear or front peripheral side", and in claim 1, line 12, "rear side" has been changed to "rear or front peripheral side".

Claim 2 has not been changed.

Claim 3 is directed to the embodiment as shown in Figs. 1a-1c, and explained in column 2, lines 20-32, wherein the seat comprises a soft pad 1 having a cavity 5 extending upwardly from a bottom surface thereof, a pressure sensitive sheet sensor 2 for sensing a person sitting on the pad, and a soft material or slab 6 (column 2, line 24) disposed in the cavity such that the soft material is prevented from coming off from the cavity (column 2, line 35-36), said sheet sensor being disposed on an upper portion of the soft material (Figs. 1a and 1b).

In claim 4, as shown in Figs. 1a-1c and explained in column 2, lines 33-36, the cavity 5 has a lower portion narrower than an upper portion so that the soft material 6 is held in the cavity.

In claim 5, as shown in Fig. 2a and explained in column 2, lines 38-41, a protrusion 5a is formed around the cavity 5 so that the soft material 6 is prevented from coming off from the cavity.

In claim 6, the protrusion 5a as shown in Fig. 2a is formed around an opening of the cavity (column 2, line 39).

In claim 7, as shown in Fig. 2b and explained in column 2, lines 41-44, the soft material 6 is held in the cavity such that the soft material is elastically pressed, to thereby prevent the soft material from coming off from the cavity.

Claim 8 is directed to a soft pad 1 for a seat with a seat sensor to which a pressure sensitive sheet sensor 2 for sensing a person sitting on the pad is installed, as shown in Figs. 3a, 3b and 4 and explained in column 2, lines 50-60, wherein the soft pad 1 has a slit 7 for inserting the sheet sensor 2, and the slit 7 extends from a side surface of the pad to a center of the pad (column 3, lines 5-9).

Claim 9 is directed to a soft pad for a seat with a seat sensor to which a pressure sensitive sheet sensor for sensing a person sitting on the pad is installed, as shown in Figs. 1a-2b and explained in column 2, lines 20-49, wherein the soft pad has a cavity 5 extending upwardly from a bottom surface of the pad for inserting the sheet sensor 2, and a soft material 6 inserted into the cavity 5 such that the soft material is prevented from coming off from the cavity and the seat sensor is disposed on the soft material.

Claims 10-13 correspond to claims 4-7, but directly or indirectly depend from claim 9. Therefore, please refer to the explanation in claims 4-7.